

The Distributive Property and Combining Like Terms: DAY 2**REMINDERS:**

- When you distribute, the number outside of the parentheses gets multiplied by both the numbers inside the parentheses!!
- When combining, you may only combine if the terms have the same variable and exponents or combination of variables and exponents. Also, whole numbers without variables should be combined with other numbers without variables.

1. $7m + 12m$

2. $5x^2 + 7x^2$

3. $130a + 81a$

4. $4y + 12y + 6y$

5. $11b + 12b$

6. $w + w + w$

7. $6y + 3y + 7y$

8. $5g^2 + 6g^3 + 2g^2$

9. $4a + a + a$

10. $m + 2m + m$

11. $5(m + 4)$

12. $7(c - 5)$

13. $2(3x + 4y)$

14. $-3(2m + 4n)$

15. $6(4c + 5d) + 7d$

16. $8(2y + 6r) + 7(y - 3r)$

17. $12a + 3 + 18 - 9a$

18. $30(e + 2) + 2e$

19. $3(x + y) + 4(2x + 3y)$

20. $18y + 5(7 + 3y)$

21. $8(9 + 3f) + f$

22. $6(2c + d + 10f) + 2(3c + 5d + 6f)$

23. $5(x + 2y) + 6x$

24. $4(m - 7) + 3(m - 5)$

25. $-5(m + 10) + -6(m + 2)$

26. $8(3q + 12) + 7(4q - 10)$

27. $3(8 + a) + 7(4a + 6)$

28. $3x + 10x - (3x + 4) + 8$